

## Bunn–Biodiversity, Connectivity, and Forecasting in GKNP

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Conceptual forecasting and decision-making model for GKNP





- 1 University of British Columbia 2 Colorado State University
- 3 University of Michigan
- 4 Arizona State University

## End-users and partners:

**SANParks** 

Associated Private Nature Reserves **APNR** 

Organization for Tropical Studies South Africa OTS Organization for Tropical Studies

The Nsasani Trust



Agricultural Research Council ARC

South African Expanded Freshwater & Terrestrial Environmental

Observation Network EFTEON



Management decisions co-developed across boundaries and institutions

Consequences of rewilding and

Earth Observation

data quantifies LULC

changes

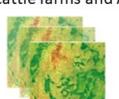
Historical datasets,

species counts, and

species distributions



Fence removal and rewilding of cattle farms and APNR



Landsat Time Series

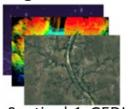




Fire



Urbanization and rewilding of communal areas



Sentinel-1, GEDI, Aerial Imagery





Water Holes



Fences, Corridors, and Settlement

